## EAST Search History

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S113	1	10/575306	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 10:35
S114	4	("6170426"   "6613144").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 10:45
S115	4	("3652174"   "5672206").PN. OR ("6613144").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/24 10:47
S116	9	("20020170649"   "20030132314"   "3495571"   "5887759"   "6457434"   "6613144"   "6708845").PN. OR ("7101441").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/24 10:48
S117	15	("0504456"   "3776773"   "3804061"   "3837595"   "3979781"   "3980203"   "3995582"   "4598664"   "5265509"). PN. OR ("6457434").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/24 10:50
S118	1	S115 and (replace\$4 or recharge\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 11:15
S119	6	S116 and (replace\$4 or recharge\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 11:15
S120	5	S117 and (replace\$4 or recharge\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 11:15
S121	6	(US-20020170649-\$).did. or (US- 3652174-\$ or US-5672206-\$ or US- 6613144-\$ or US-6457434-\$ or US- 7101441-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/09/24 11:20
S122	2	S121 and (replace\$4 or recharge\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 11:20
S123	4550	(118/325,313-315,42,43,320).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/24 11:22

S124	51	("2560065"   "2663461"   "2854905"   "2936932"   "2961677"   "3060486"   "3063601"   "3103866"   "3152515"   "3165776"   "3250202"   "3265246"   "3334374"   "3350993"   "3386619"   "3396650"   "3396836"   "3412664"   "3432245"   "3441353"   "3466131"   "3472675"   "3486504").PN. OR ("3652174").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/24 11:22
S125	3	S124 and (replace\$4 or recharge\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 11:24
S126	150	(401/143).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/24 11:27
S127	23	S126 and (replace\$4 or recharge\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 11:28
S128	23	dos\$3 same toilet near5 paper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 11:29
S129	1	dos\$3 and S114	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 11:52
S132	1624	(401/143,263,190,118,265).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/24 12:02
S133	1	dos\$3 same paper and S132	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 12:02
S135	7	gonzalez-escobar\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 12:06
S136	92	toilet near5 paper and pin same stop\$3 same spring\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 12:08

S137	3	toilet near5 paper and pin same stop\$3 same spring\$1 same axle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 12:09
S138	200	(242/905).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/24 12:53
S139	183	"242"/\$.ccls.and pin same stop\$3 same spring\$1 same axle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 12:53
S140	133	"242"/\$.ccls.and pin same stop\$3 same spring\$1 same axle and roll\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 12:56
S141	20	"242"/\$.ccls.and pin same stop\$3 same spring\$1 same axle and roll\$3 same paper	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 12:56
S142	3	"242"/\$.ccls.and pin same stop\$3 same spring\$1 same axle same ribs and roll\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 13:02
S143	3	"242"/\$.ccls.and stop\$3 same spring\$1 same axle same ribs and roll\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 13:04
S144	5	"242"/\$.ccls.and stop\$3 same spring\$1 same axle same ribs	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 13:06
S145	420	stop\$3 same spring\$1 same axle same ribs	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 13:07
S146	227	stop\$3 same spring\$1 same axle same ribs and roll\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 13:08

S147	218	"242"/\$.ccls.and roll\$3 near5 ribs	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 13:09
S148	40	"242"/\$.ccls.and roll\$3 near5 ribs same spring\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 13:09
S149	7	"242"/\$.ccls.and roll\$3 near5 ribs same spring\$1 same stop\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 13:11
S150	141	"242"/\$.ccls.and roll\$3 and ribs same spring\$1 same stop\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 13:14
S151	42	"242"/\$.ccls.and roll\$3 same stop\$4 near5 revolv\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 13:19
S152	24	"242"/\$.ccls.and roll\$3 same stop\$4 near5 revolv\$3 and spring\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 13:20
S153	21	roll\$3 same stop\$4 near5 revolv\$3 same spring\$1 same axle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 13:28
S154	12	("2560061").URPN.	USPAT	OR	OFF	2008/09/24 13:33
S155	0	S154 and stop\$4 near5 revolv\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 13:36
S156	2	S154 and spring\$1 and axle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 13:36

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S157	9	(US-20020170649-\$ or US-20030132314-\$).did. or (US-3652174-\$ or US-5672206-\$ or US-6613144-\$ or US-6457434-\$ or US-7101441-\$ or US-6170426-\$).did. or (US-2560061-\$).did.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/24 13:50
S158	4	S157 and stop\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 13:50
S159	979	(427/209).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/24 13:55
S160	0	S159 and roll\$3 and ribs same spring\$1 same stop\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 13:55
S162	9	S157 and (orifice\$3 or opening\$1 or nozzle\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 14:04
S163	5	S157 and (rotat\$3 or revolv\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 14:12
S164	7	S157 and (cut\$4 or serrat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 14:29
S165	2	S157 and brak\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 14:56
S166	37	("3151822"   "3317150"   "3995582"   "4598664"   "5135179"   "5311986"). PN. OR ("5672206").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/24 14:58
S167	19	S166 and hing\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/24 15:04
S168	10	(US-20020170649-\$ or US-20030132314-\$).did. or (US-3652174-\$ or US-5672206-\$ or US-6613144-\$ or US-6457434-\$ or US-7101441-\$ or US-6170426-\$ or US-5135179-\$).did. or (US-2560061-\$).did.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/24 15:04

S169	4	S168 and hing\$3	US-PGPUB;	OR	OFF	2008/09/24
			USPAT;			15:04
			USOCR; FPRS;			
			EPO; JPO;		-	
			DERWENT;			
			IBM_TDB			

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